

10:09:53 08 AUG 1989

## PROJECT FACT SHEET

CONTRACT TITLE: Reservoir Characterization and Enhanced Oil Recovery - Annex  
II

DATE REVISED: 07-24-89

OBJECTIVE: a) develop an averaging procedure for relative permeability which accounts for both continuity and cross-bedding, b) develop, validate, and apply a comprehensive chemical flooding simulator for chemical recovery processes, and c) to provide experimentally validated models which accounts for surfactant structure and other realistic parameters which affect oil recovery in gas flooding applications.

CONTRACT NO.: DE-FG22-89BC14251  
CONTRACT AMT: 0  
B AND R CODE: AC1510100  
PADS CNTRL NO:

CONTRACTOR:  
University of Texas at Austin

ADDRESS:  
Austin, TX

CONTRACT PERFORMANCE PERIOD:  
09-01-88 TO 08-31-90  
PROJECT BEGINNING: 09/88

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PROJECT SITE:  
Austin, TX

## SCHEDULE MILESTONES:

Systematic procedure for reservoir characterization	09/90
Modeling and scale-up of Chemical Flooding	09/90
CO2 - Surfactant Phase Behavior	09/90

CONTR. FUNDING	FUNDING (1000'S)	DOE	OTHER	CONTRACTOR	TOTAL
PRIOR FISCAL YRS	380	0	0	0	380
FISCAL YR 1989	580	0	0	0	580
FUTURE FUNDS	0	0	0	960	960
TOTAL EST'D FUNDS	960	0	0	960	1920

**PROJECT DESCPTN:** The project is directed toward increasing the understanding of EOR processes as they relate to realistic reservoir settings for increased efficiencies and decreased risks in known Texas reservoirs. The main activities of the project are (1) systematic reservoir characterizations, (2) modeling and scale-up of chemical flooding techniques, and (3) gaining a broader understanding and providing fundamental information on CO<sub>2</sub> surfactant phase behavior.

**PRESENT STATUS:** A research grant was awarded February 2, 1989. The project has been initiated and is progressing as scheduled.

**ACCOMPLISHMENTS:** None - new project.

**BACKGROUND:** Not available.